PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004

Application or Docket Number 10/534091

CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE OR SMALL ENTITY (Column 1) (Column 2) U.S. NATIONAL STAGE FEES RATE FEE RATE FEE SMALL ENT. = \$ 150 **LARGE ENT. = \$ 300** BASIC FEE BASIC FEE BASIC FEE 150 OR Satisfies PCT Article 33(1) All other situations **EXAMINATION FEE** 100 FYAM FEE EXAM. FEE (4) = \$50/\$100\$ 100 / \$ 200 U.S. is ISA = \$50/\$ 100 All other situations = ALL other countries = SEARCH FEE SEARCH FEE SEARCH FEE 200 \$ 250 / \$ 500 \$ 200 / \$ 400 FEE FOR EXTRA SPEC. PGS. minus 100 = / 50 = X \$ 125 = X \$ 250 = minus 20 = X \$ 25 = TOTAL CHARGEABLE CLAIMS OR X \$ 50 = X \$ 200 = INDEPENDENT CLAIMS minus 3 = X \$ 100 = OR MULTIPLE DEPENDENT CLAIM PRESENT + \$ 180 = OR + \$ 360 = 450 If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL. OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN OR **SMALL ENTITY SMALL ENTITY** (Column 2) (Column 3) (Column 1) HIGHEST CLARAS ADDI-ADDL. NUMBER PRESENT REMAINING RATE TIONAL RATE TIONAL PREVIOUSLY AFTER **EXTRA** FEE FEE AMENDMENT **PAID FOR** AMENDMENT X \$ 25 = OR X \$ 50 = Minus Totat X \$ 100 = OR X \$ 200 = Minus Independent + \$ 360 = FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +\$ 180 = OR TOTAL ADDIT TOTAL ADDIT OR FEE (Column 3) (Column 2) (Column 1) HIGHEST CLAMS ADDI-ADDI-NUMBER PRESENT REMAINING RATE TIONAL RATE TIONAL PREVIOUSLY EXTRA **AFTER** FEE FEE **PAID FOR** AMENDMENT MENDMENT OR X \$ 50 = X \$ 25 = Total Minus X \$ 200 = X \$ 100 = OR Minus Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +\$ 180 = OR + \$ 360 = TOTAL ADDIT. TOTAL ADDIT OR FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

1: